



Espacenet

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Injection device.

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Abstract of EP 0144625 (A2)

1. injection apparatus with an injection syringe, which is coaxially housed in a circular cylindrical casing, said casing being closed on both sides by covers, the cover located on the front casing end having a central passage for the injection cannula, which is closed by a stopper penetratable by the injection cannula, with a driver for extending the injection needle through the opening and for ejecting the syringe content through the extended injection cannula and with a locking device for the driver, which can be released by a handle arranged on the rear casing end, in which the driver is constituted by a spring (28, 128), which compressed is supported in pretensioned manner on the one hand on the injection syringe (5, 105) and on the other on casing (1, 101), in which for the locking device (30, 130) is provided a coaxial bolt (20, 120) having a recess (21, 160, 161), in which at least one locking ball (36, 37, 136, 137) fits into the recess, in which the locking ball is forwardly supported on a support (22, 122) on the casing and outwardly supported on a sleeve (24, 124) and in which the sleeve is constructed as an abutment for the spring and is rearwardly supported on a casing-fixed stop (22, 147), characterized in that the bolt (20, 120) is fixed to the rear end of the syringe (5, 105), that the sleeve is forwardly displaceable counter to the tension action of the spring into a position in which it does not impede the escape of the locking ball from the recess and that the rear cover (3, 103) is provided as a handle and is forwardly displaceably mounted carrying the sleeve with it.

